



464823

April 21, 1966

Ohio Department of Health  
450 E. Town Street  
Columbus, Ohio 43215

Attention: Mr. Oscar Singer

Dear Mr. Singer:

Re: Sanitary Landfill  
Glenwillow, Ohio

On Wednesday, April 13, I met with you and Mr. Douglas Hasbrouck to investigate the proposed project. The site of the proposed sanitary landfill is located east of Richmond Road (S.R. 175) approximately 3,000 feet south of Solon Road, just north of Tinkers Creek.

During this investigation I stated that domestic ground-water supplies in this area would not be contaminated by this project. The principal aquifer is the sandstone bedrock which is as much as 115 to 140 feet beneath the surface. The glacial deposits above the bedrock are basically clay interbedded with relatively thin lenses or layers of sand and gravel. Thick layers of sand and gravel have been recorded in some wells at depths of 50 to 90 feet above shale or sandstone bedrock. Therefore, my first impression was that no problems existed that might deter the development of these pits for the disposal of solid wastes.

However, water in the pits has presented some problems which should not be overlooked. Mr. Testa stated that this water was merely ponded surface drainage. I am more apt to believe that it is the level of the water table. Therefore, if these pits are developed for this purpose, the burial zone must be above the present level of the water. If the solid wastes are buried above this level of the water, the contamination of Tinkers Creek will be kept to a minimum. In all areas of waste disposal, contamination cannot be completely eliminated.

I am quite sure that before this project is approved, specific regulations will be issued and the county will periodically supervise the operation of this pit. If additional information is required, please advise.

Sincerely yours,

James J. Schmidt  
Geologist  
Division of Water

JJS:rh  
Encls. Logs (17)